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IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Kun-Hyung LEE, Jung-Sung HWANG, and Seung-Yeon CHO  
Serial No.: 10/728,004 Examiner:  
Filing Date: December 3, 2003 Group Art Unit: 2855  
Title: SENSITIVE SUBSTANCE AND SURFACE ACOUSTIC WAVE GAS  
SENSOR USING THE SAME

Confirmation No. 7187

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97 (b); or  
(Within three months of filing national application; or date of entry of International application;  
or before mailing date of first office action on the merits; or before the mailing of a first Office  
Action after the filing of a request for continued examination under §1.114; whichever occurs  
last)
- ☐ under 37 CFR 1.97 (c) together with either a:  
☐ Statement under 37 CFR 1.97 (e), or  
☐ a \$180 fee under 37 CFR 1.17 (p); or  
(After mailing of first Office Action, but prior to Notice of Allowance or Final Office Action)
- ☐ under 37 CFR 1.97 (d) together with:  
☐ Statement under 37 CFR 1.97 (e), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17 (p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of

the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449- Information Disclosure Citation together with  
copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s)  
may be material to the examination of this application and for which there may be a duty to disclose in accordance  
with 37 CFR 1.56.

☒ A copy of the Limited Recognition Under 37 CFR § 10.9(b)

It is requested that the information disclosed herein be made of record in this application.

Any deficiency or overpayment should be charged or credited to deposit account number 13-1703. A  
duplicate copy of this sheet is enclosed.

Customer No. 20575

Respectfully submitted,  
MARGER JOHNSON & McCOLLOM, P.C.

Hosoon Lee  
Limited Recognition Under 37 CFR § 10.9(b)

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Date: December 30, 2004  
  
Jennifer Abernathy



PATENT APPLICATION

App. Docket No.:  
Applicant:  
Filing Date:

4591-351                      Serial No.                      10/728,004  
Kun-Hyung LEE, Jung-Sung HWANG, and Seung-Yeon CHO  
December 3, 2003                      Group:                      2855

INFORMATION DISCLOSURE CITATION  
FORM PTO-1449 (Modified)

U.S. PATENT DOCUMENTS

Exam Init	Ref	Document Number	Issue Date	Name	Class	Sub Class
		6,004,494	12-21-1999	Debe		
_____	_____					

FOREIGN PATENT DOCUMENTS

Exam Init	Ref	Document Number	Publication Date	Country	Name
		9-210975	8-15-1997	Japan	Kurita Water Ind. Ltd.
_____	_____				

OTHER DOCUMENTS

Exam Init	Ref	Author, Title, Date, Pertinent Pages, Etc.)
		English language abstract of Japanese Publication No. 09-210975.
_____	_____	

Examiner: \_\_\_\_\_

Date Considered: \_\_\_\_\_